

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	"L1" and ((condens\$2 capacit\$2 electrostatic) near5 microphone \$1) and (decoup\$3 near5 resist\$2) and (em electromagnetic) and (high near10 low near10 frequency)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/10/12 10:08
S1	1	song.in. and (condenser near10 microphone) and electromagnetic and noise and invert\$2	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/27 20:10
S3	1	kim.in. and (condenser near10 microphone) and electromagnetic and noise and invert\$2	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 14:53
S4	0	bse.AS. and (condenser near10 microphone) and electromagnetic and noise and invert\$2	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 14:53
S5	271	(381/113).OCLS.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 15:00

S6	5	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) and ((EM electromagnet\$3) near10 resist\$4 near10 capacit\$4)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 15:04
S7	1	("4281221").PN.	USPAT	OR	OFF	2008/10/17 15:18
S8	1337	(381/111,121,174).CCLS.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 15:19
S9	3	("4281221").URPN.	USPAT	OR	OFF	2008/10/17 15:19
S10	446	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) and (resist\$4 near10 capacit\$4)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 15:20
S11	126	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) near20 (resist\$4 near10 capacit\$4)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 15:20
S12	27	S11 and (EM electromagnetic)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 15:52

S13	2181	(381/312,313,92).CCLS.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 15:56
S14	1	chung.in. and (condenser near10 microphone) and electromagnetic and noise and invert\$2	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/17 16:34
S15	126	"381"/\$.cls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) near20 (resist\$4 near10 capacit\$4)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/19 19:12
S16	62	S15 and filter\$3	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/19 19:12
S17	1	chung.in. and (condenser near10 microphone) and electromagnetic and noise and invert\$2 and (low near4 frequency)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/19 19:18
S18	38	S15 and radio	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/19 19:20

S19	0	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) near20 (resist\$4 near10 capacit\$4 near10 electrostatic near10 (em electromagnetic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 10:05
S20	1	chung.in. and (condenser near10 microphone) and electromagnetic and noise and electrostatic and electromagnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 10:13
S21	1	("7034652").PN.	USPAT	OR	OFF	2008/10/20 10:20
S22	7	"381"/\$.ccls. and (resist\$4 near10 electrostatic near10 discharge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 10:31
S23	5	"381"/\$.ccls. and (capacit\$3 near10 electrostatic near10 discharge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 11:19
S24	756	(capacit\$3 near5 electrostatic near5 discharge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 11:21
S25	6	((capacit\$3 resist\$3) near5 block\$3 near5 electrostatic near5 discharge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 11:21

S26	12	(capacit\$3 near5 "1" near5 pF) near20 (resist\$3 near5 "10" near5 ohm\$1)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 11:25
S27	1	chung.in. and (condenser near10 microphone) and electromagnetic and noise and (resist\$2 near5 decoup\$4)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 16:29
S28	2	chung.in. and (condenser near10 microphone) and electromagnetic and noise and (output near5 amplifi\$6)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 16:51
S29	57	"381"/\$.ccls. and (FET near10 resist\$2 near10 capacit\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/20 18:04
S30	9	("3944756"   "4525817"   "5097515"   "5197102"   "5579397"   "5588065"   "5635670"   "6104818"   "6504937").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/10/20 18:05
S31	13	"381"/\$.ccls. and (resistor near10 between near10 capacit\$2 near10 FET)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 19:54

S32	11	microphone same (resistor near10 between near10 capacit\$2 near10 FET)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 19:55
S33	613	(resistor near10 between near10 capacit\$2 near10 FET)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 19:57
S34	260	(resistor near5 between near5 capacit\$2 near5 FET)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 19:58
S35	0	(resistor near5 between near5 capacit\$2 near5 FET near5 electromagnetic)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 20:07
S36	0	(resistor near5 capacit\$2 near5 FET near5 electromagnetic)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 20:07
S37	0	(resistor near10 capacit\$2 near10 FET near10 electromagnetic)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 20:08

S38	1	(resistor near10 capacit\$2 near10 FET near10 em)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 20:08
S39	1015131	(resistor near10 capacit\$2 near10 FET) ame (em electromagnetic)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 20:17
S40	29	(resistor near10 capacit\$2 near10 FET) same (em electromagnetic)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 20:17
S41	1	resistor near10 FET near10 (block\$3 stop\$4) near10 (em electromagnetic)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 20:19
S42	13	resistor near5 (block\$3 stop\$4) near5 (em electromagnetic)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/21 20:19
S43	275	(381/113).OCLS.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/03/20 13:56

S44	1368	(381/111,121,174).CCLS.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/03/20 13:56
S45	2285	(381/312,313,92).CCLS.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/03/20 13:56
S46	0	(381/\$.ccls.and((condens\$2capacit\$2electrostatic) near5microphone\$1)and (electrostaticnear5dischargenear5"8"near5kv)).CCLS.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/23 10:59
S47	21	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) and (electrostatic near5 discharge near5 "8" near5 kv)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/23 11:01
S48	1	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) and (electrostatic near5 discharge near5 "8" near5 kv)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/23 11:02
S49	1	"381"/\$.ccls. and resist\$3 near5 block\$3 near10 noise near10 electromagnetic	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/09 14:19



S50	1	"381"/\$.ccls. and resist\$3 near10 block\$3 near10 noise near10 electromagnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/09 14:20
S51	9	resist\$3 near10 block\$3 near10 noise near10 electromagnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/09 14:20
S52	3810	(381/113,111,121,174,312,313,92).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/09 17:36
S53	32	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) and (bypass near5 capacit\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/29 11:01
S54	4	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) and (bypass near5 capacit\$2) and (decoupl\$3 near5 resist\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/29 11:22
S55	20	"381"/\$.ccls. and ((condens\$2 capacit\$2 electrostatic) near5 microphone\$1) and (decoupl\$3 near5 resist\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/29 11:28

S56	4009	(381/113,111,121,174,312,313,92).CCLS.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/29 15:18
S57	0	song.in. and (condenser near10 microphone) and electromagnetic and noise and invert\$2 and (bypass near5 capacitor near5 high)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/10/07 17:18
S58	1	song.in. and (condenser near10 microphone) and electromagnetic and noise and invert\$2 and (capacitor near5 high)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/10/07 17:18
S59	1	song.in. and (condenser near10 microphone) and electromagnetic and noise and invert\$2 and (capacitor near5 high) and low	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/10/07 17:20

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3218	(381/111,121,174,92,312,313,).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/10/12 10:06
L3	0	"L1" and ((condens\$2 capacit\$2 electrostatic) near5 microphone \$1) and (decoupl\$3 near5 resist\$2) and (em electromagnetic) and (high near10 low near10 frequency)	USPAT; UPAD	OR	OFF	2010/10/12 10:08

L4	0	L1 and ((condens\$2 capacit\$2 electrostatic) near5 microphone \$1) and (decoupl\$3 near5 resist\$2) and (em electromagnetic) and (high near10 low near10 frequency)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/10/12 10:09
L5	3566	(381/111,121,174,92,312,313,122,113).OCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/10/12 10:24
L6	0	L5 and ((condens\$2 capacit\$2 electrostatic) near5 microphone \$1) and (decoupl\$3 near5 resist\$2) and (em electromagnetic) and (high near10 low near10 frequency)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/10/12 10:24

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